

Phylum - Annelida MCQ Question Answer

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Question: 1. A chitinous lining in earthworm is found in

- Option A. pharynx
- Option B. stomach
- Option C. typhlosole
- Option D. gizzard

Question: 2. Earthworm is useful because it

- Option A. helps in fixing atmospheric nitrogen
- Option B. helps in making the land porous
- Option C. kills harmful bacteria of the soil
- Option D. helps in making the land fertile by turning it upside down

Question: 3. Locomotion in Earthworm is directly facilitated by

- Option A. mucus secreted by epidermis
- Option B. segmentation of the body
- Option C. rhythmic contraction of segments
- Option D. setae and contraction of segments

Question: 4. Blood glands in Earthworm are associated with

- Option A. excretion
- Option B. digestion
- Option C. secretion
- Option D. none of these

Question: 5. The pre-typhlosolar region in Pheretima extends from

- Option A. fifth to twenty-sixth segment
- Option B. first to twenty-sixth segment
- Option C. fifteenth to twenty-sixth segment
- Option D. immediately after clitellar region to twenty sixth segment

Question: 6. A skeleton like function during locomotion of Pheretima is performed by

- Option A. alimentary canal laden with mud
- Option B. blood
- Option C. coelomic fluid
- Option D. ventral nerve cord

Question: 7. Role of typhlosole in the intestine of earthworm is

- Option A. to kill bacteria

- Option B. to increase absorptive surface
- Option C. to produce digestive enzymes
- Option D. to control blood flow

Question: 8. Nereis is commonly called

- Option A. earthworm
- Option B. ringworm
- Option C. roundworm
- Option D. clemworm

Question: 9. Chromophil cells in earthworm are concerned with the secretion of

- Option A. amylase
- Option B. proteases
- Option C. lipases
- Option D. cocoon

Question: 10. In earthworm fertilisation occurs in

- Option A. oviduct
- Option B. water
- Option C. cocoon
- Option D. ootheca

Question: 11. The terminal nephridial ducts of the septal nephridia of Pheretima open into

- Option A. each intersegmental septum
- Option B. septal excretory canal
- Option C. lumen of the intestine
- Option D. supra-intestinal excretory ducts

Question: 12. Which of the following statements is correct ?

- Option A. Blood of earthworm is blue in colour
- Option B. Blood pigment of earthworm is haemocyanin
- Option C. Blood pigment of earthworm is red and haemoglobin is dissolved in plasma
- Option D. Blood of earthworm is red and haemoglobin is dissolved in RBC

Question: 13. The gizzard of earthworm is an organ of

- Option A. secretion of slime
- Option B. excretion
- Option C. absorption of digested food
- Option D. crushing the food

Question: 14. Spermathecae in earthworm represent

- Option A. coating of sperms

- Option B. structure for storing sperms
- Option C. male copulatory organs
- Option D. female copulatory organs

Question: 15. The excretory organs of earthworm are

- Option A. kidneys
- Option B. solenocytes
- Option C. nephridia
- Option D. green glands

Question: 16. In the blood vascular system of earthworm there are four pairs of hearts present in the first 13 segments. These are situated in the segments

- Option A. 7th, 8th, 9th and 10th
- Option B. 8th, 10th, 12th and 15th
- Option C. 8th, 9th, 12th and 13th
- Option D. 7th, 9th, 12th and 13th

Question: 17. The clitellum in earthworm is formed by

- Option A. 12, 13 and 14 segments
- Option B. 13, 14 and 15 segments
- Option C. 14, 15 and 16 segments
- Option D. 16, 17 and 18 segments

Question: 18. In earthworm testes are situated in the

- Option A. 10th and 11th segments
- Option B. 11th and 12th segments
- Option C. 14th and 15th segments
- Option D. none of these

Question: 19. The coelom in Pheretima is

- Option A. continuous throughout
- Option B. continuous throughout except in first 26 segments
- Option C. continuous only in first four segments
- Option D. divided into a number of compartments throughout

Question: 20. Totally marine annelids belong to the

- Option A. oligochaeta
- Option B. polychaeta
- Option C. hirudinea
- Option D. archannelida

Question: 21. Annelids show advancement over the nematoda in having

- Option A. metameric segmentation
- Option B. true coelom
- Option C. closed circulatory system
- Option D. all of these

Question: 22. Sperma thecae in earthworm are meant for

- Option A. producing sperms
- Option B. storage of its own sperms
- Option C. storage of sperms of another earthworm after copulation
- Option D. all of these

Question: 23. In earthworm, the first segment in which mouth is situated is known as

- Option A. prostomium
- Option B. peristomium
- Option C. stomium
- Option D. protostomium

Question: 24. Earthworm has no skeleton but during burrowing, the anterior end becomes turgid and acts as a hydraulic skeleton due to

- Option A. setae
- Option B. circular muscles
- Option C. coelomic fluid
- Option D. longitudinal muscles

Question: 25. The coelomic fluid in earthworm escapes through

- Option A. dorsal pores
- Option B. coelomic pores
- Option C. nephridial pores
- Option D. anus

Question: 26. Haemoglobin is dissolved in plasma in

- Option A. Earthworm
- Option B. Ascaris
- Option C. Tapeworm
- Option D. Insects

Question: 27. Anticoagulant secreted by leech is

- Option A. Hirudin
- Option B. Heparin
- Option C. Haematin
- Option D. Haemozoin

Question: 28. Metamerism is present in

- Option A. House fly
- Option B. Frog
- Option C. Nereis
- Option D. All of these

Question: 29. The direction of blood flow in the dorsal vessel of earthworm is

- Option A. from the posterior to the anterior end
- Option B. from the anterior end to the posterior end
- Option C. from dorsal vessel to ventral vessel
- Option D. alternately in both directions (a) and (b)

Question: 30. The septal and pharyngeal nephridia open into the alimentary canal and are of enteronephric type. It is an adaptation for

- Option A. conservation of water
- Option B. conservation of heat
- Option C. regulation of temperature
- Option D. regulation of amino acids

Answer Sheet

1	B	
2	D	
3	D	
4	C	
5	C	
6	C	
7	B	
8	D	
9	B	
10	C	
11	B	
12	C	
13	D	
14	B	
15	C	
16	D	
17	C	
18	A	
19	C	
20	D	
21	D	
22	C	
23	D	
24	C	
25	A	
26	A	
27	A	
28	D	
29	A	
30	A	